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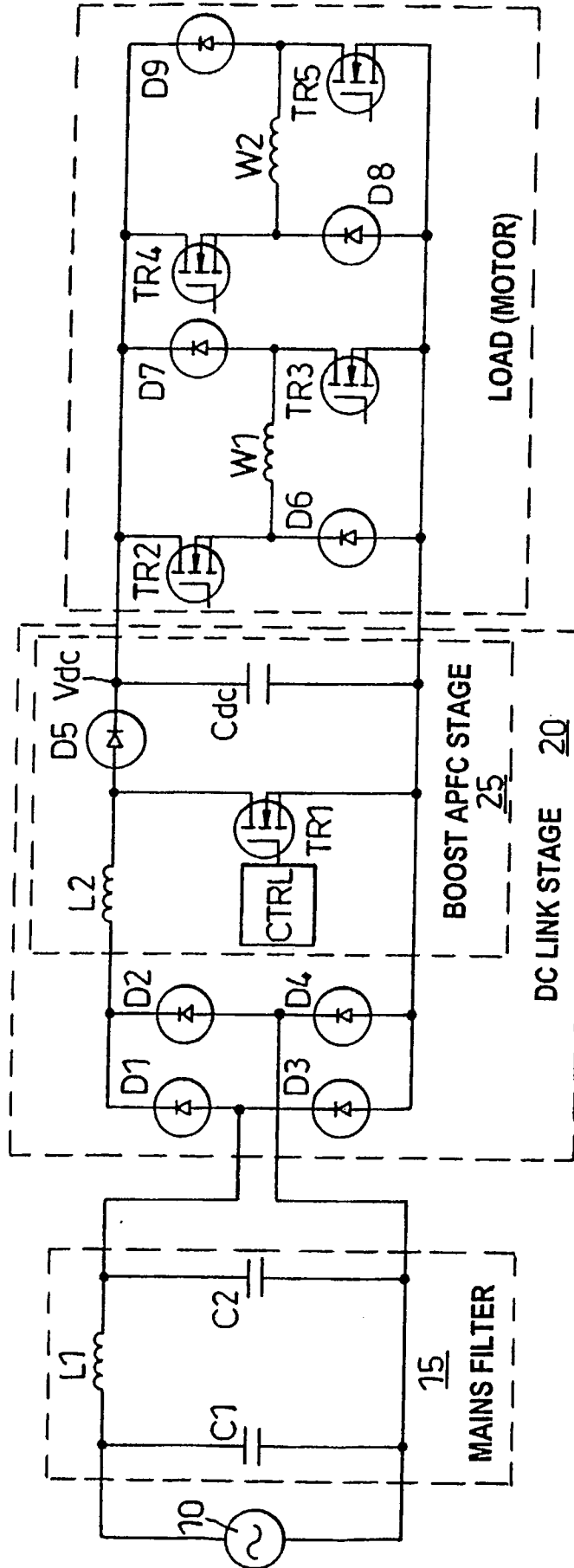


Fig. 1

PRIOR ART

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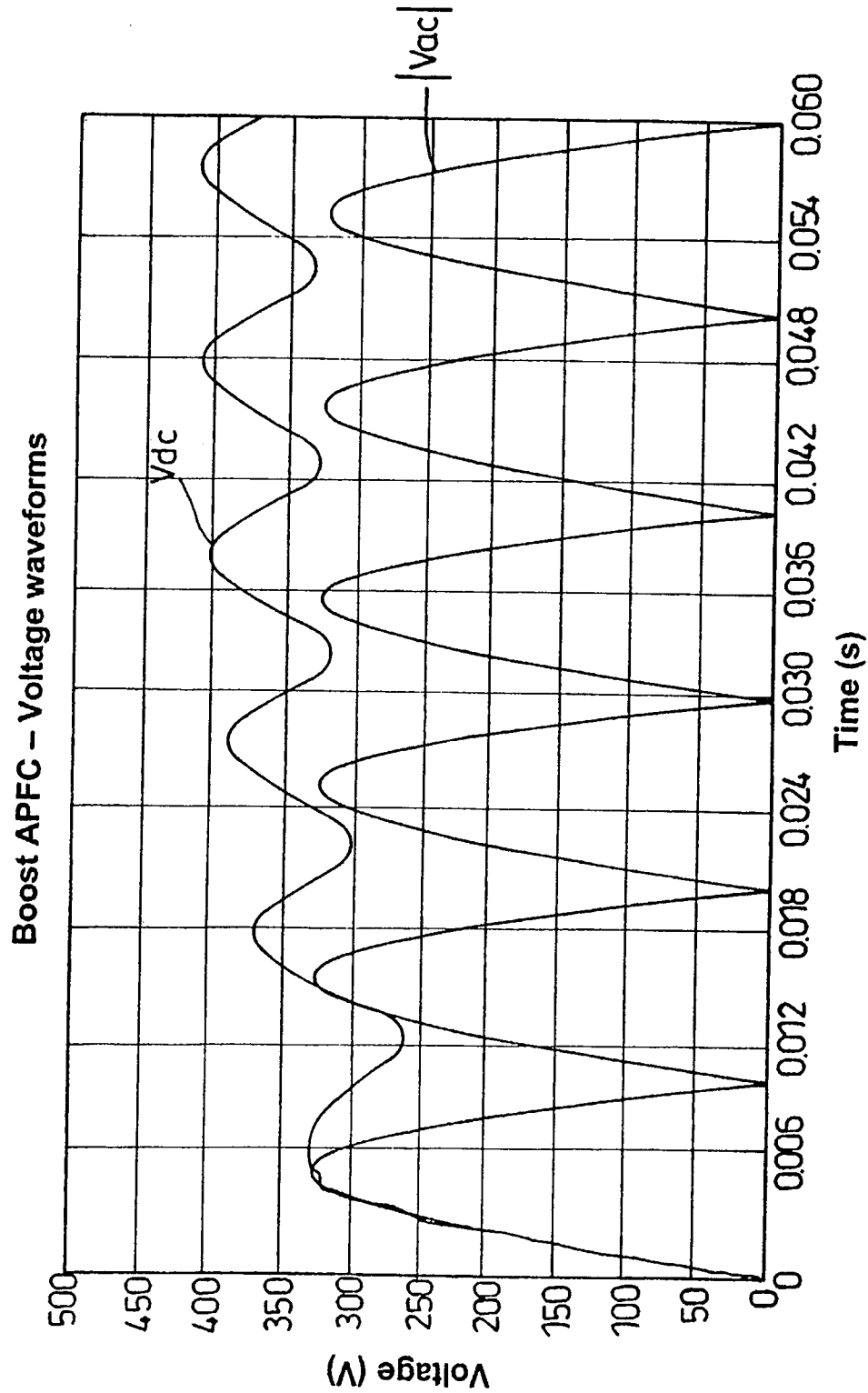


Fig. 2

PRIOR ART

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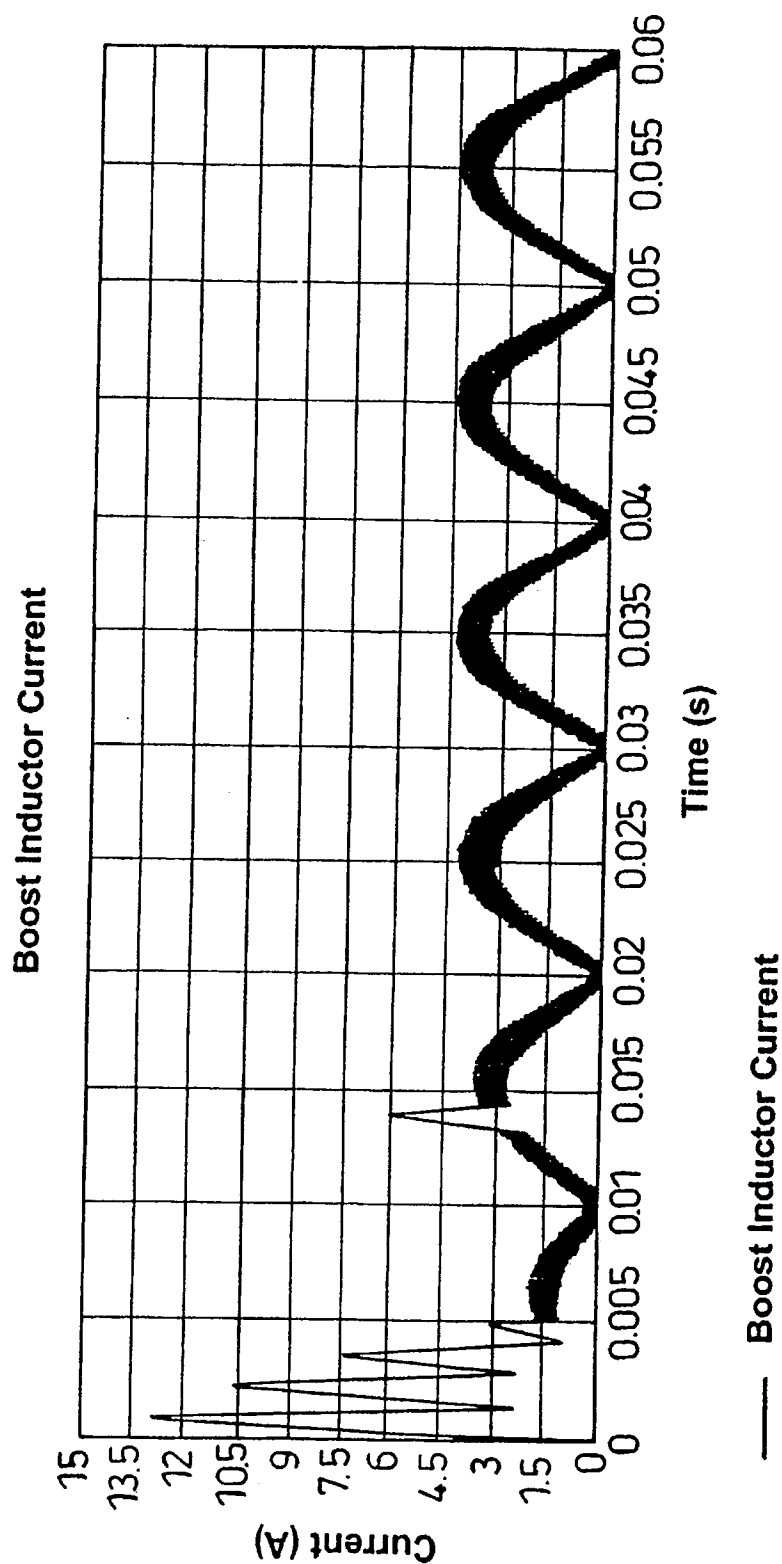
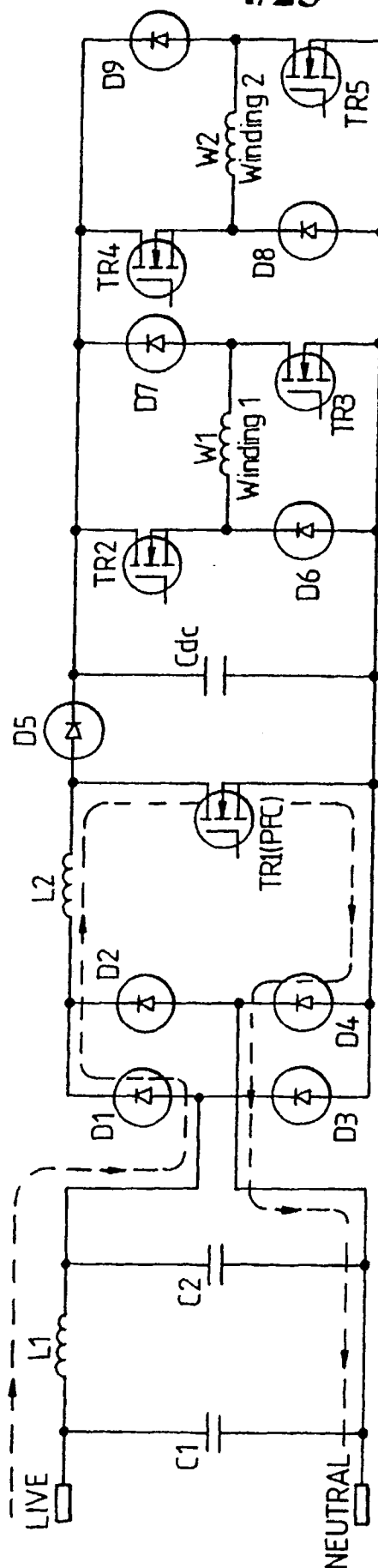


Fig. 3

PRIOR ART

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PRIOR ART

STATE 1: TR1 (PFC) ON; TR2 + TR3 OFF

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STATE 2: TR1 (PFC) OFF; TR2 + TR3 ON

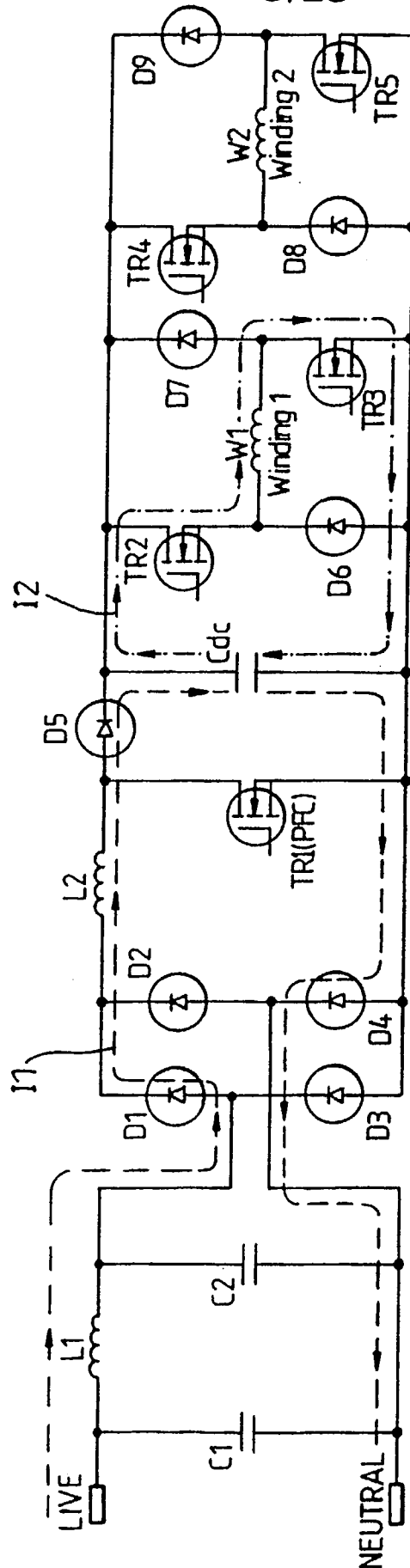
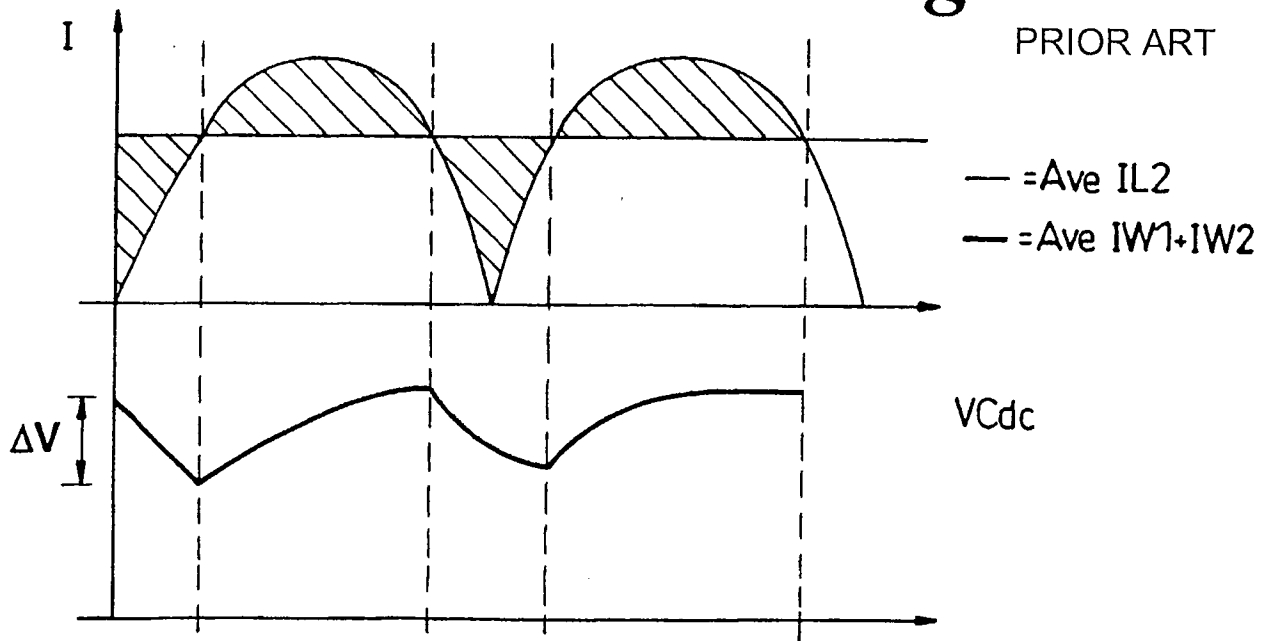
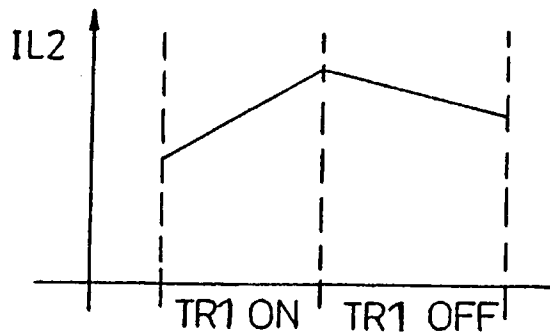
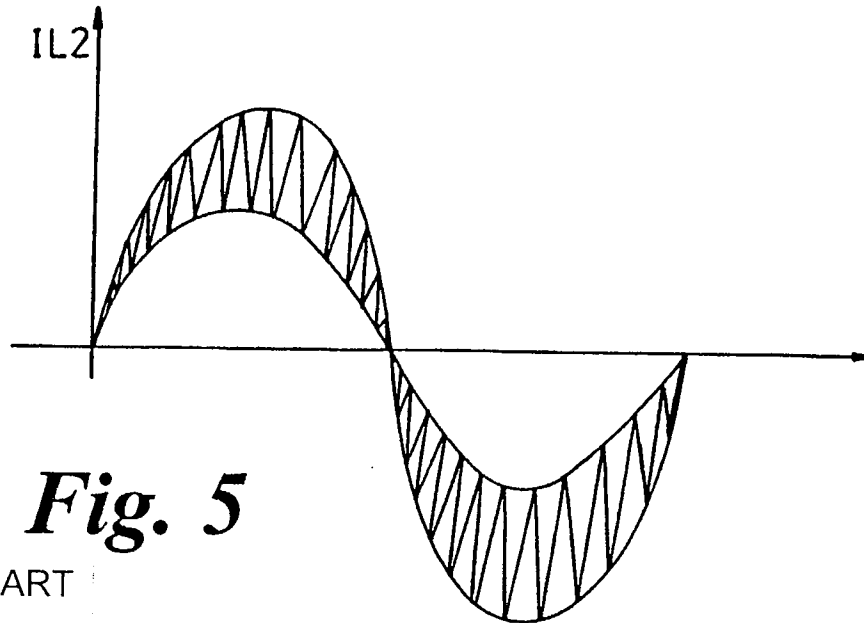


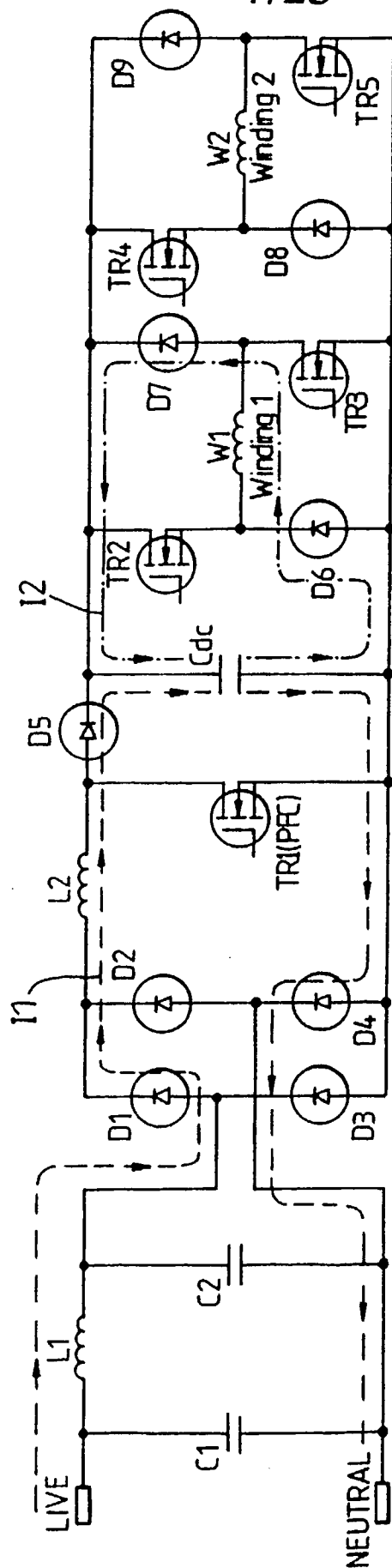
Fig. 6

PRIOR ART

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STATE 3: TR1 (PFC) OFF; TR2 + TR3 OFF*Fig. 9*

PRIOR ART

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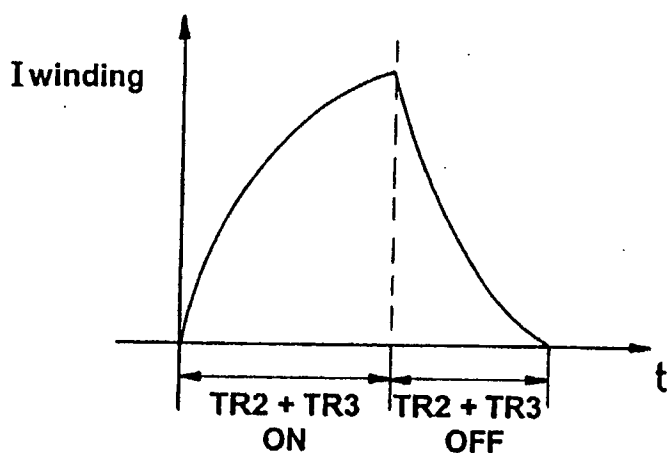


Fig. 10 PRIOR ART

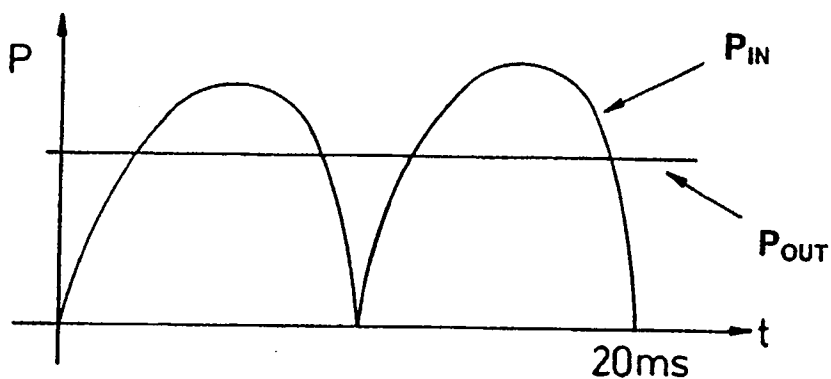


Fig. 11 PRIOR ART

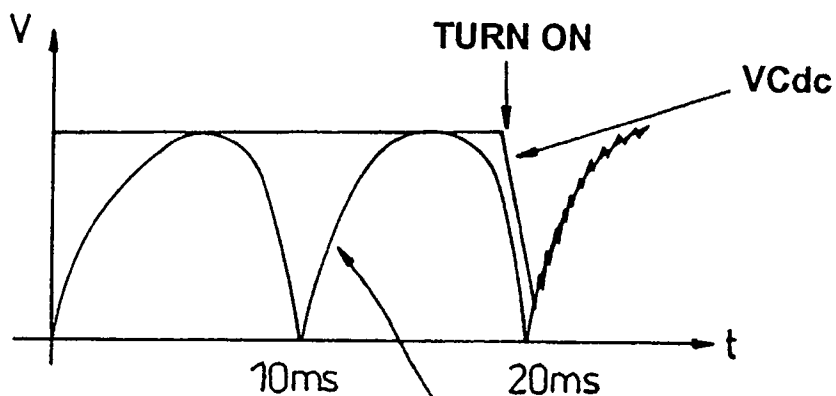


Fig. 13

Equivalent
Rectified Voltage

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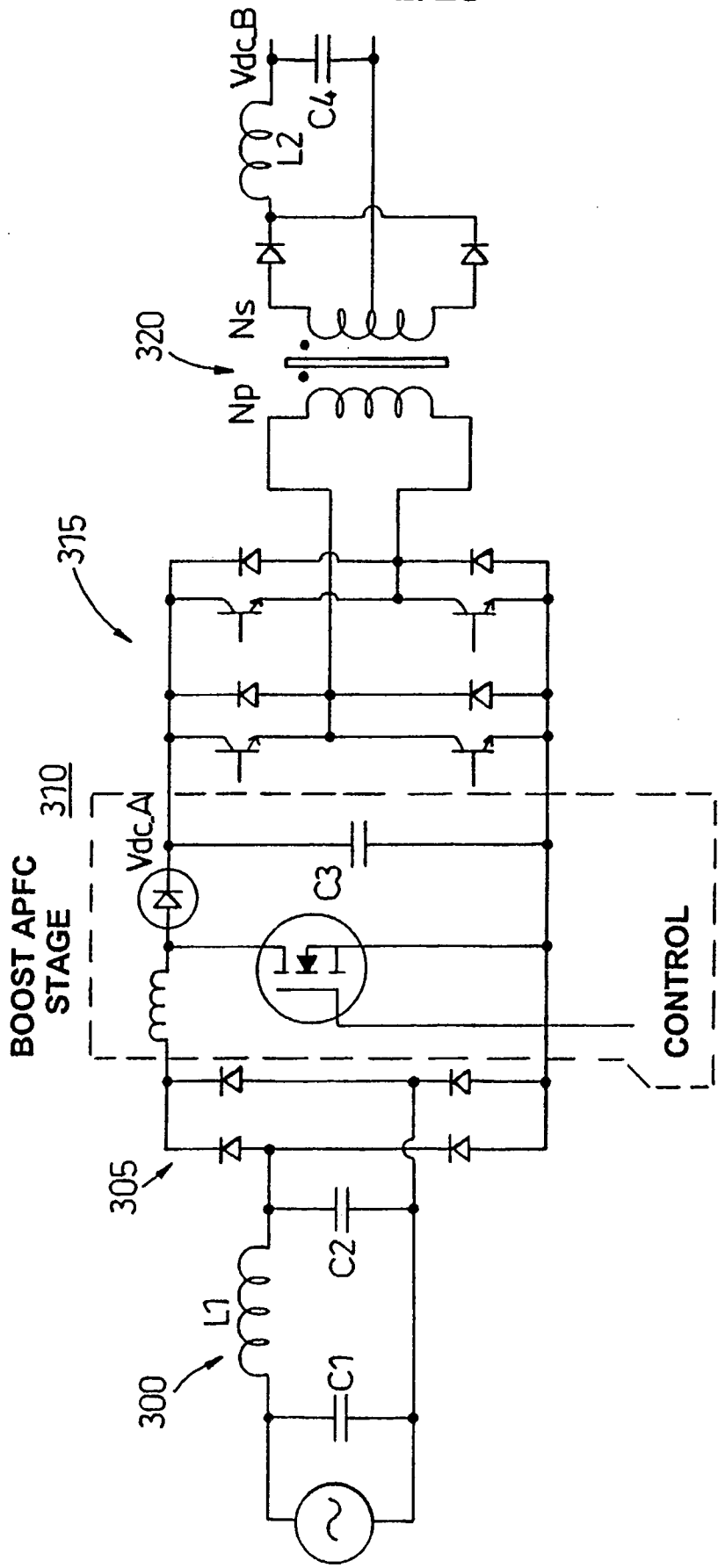


Fig. 25

PRIOR ART